SBR no : 210/14-15
28-2-2015

Original/Duplicate/Triplicate

P.W.G. 17 — 1st and final bill — CONTRACT CERTIFICATE — Reference paras 158 & 170

NO — DSR No. 342 — Date 28/2/15

Division Yelahanka — Sub division Yelahanka New Town — Date

Bills received No — Date — Sub-divisional / Divisional — Cash book vr No — Date

Scheduled Docket No — Head of account

Name of work(as per sanctioned estimate) :-

NAME OF WORK :Improvements to drains and asphalting to main and cross roads in Allalasandra and Judicial Layout in ward no 04

Work code:004-15-000051

Name of contractor and full address :-

Techinical Manager (west)

Reference to agreement No :- 26 — **Estimated cost :49.99** — W.O.No:26, dt:09/01/2015

Certified that the measurments were taken by me on 28/2/15 and recorded on pages 212813 to 212824 of measurment book No 2129 and the work is satisfactorily executed by the contractor.

Signature of contractor — Assistant Engineer

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Certified that the measurments were taken by me on 28/2/15 and recorded correct.The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub Divisional Officer

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಕ.ಪ.ಬಂ.ಪ. ಬೆಂಗಳೂರು-106

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being-----percent Rs----------%---------		
3) Balance---		
4) Deduct payments		
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount		
b) Cost of payments/stores or other materials supplied now made recovery of		
Amount paid on this bill by cheque/cash		
Total		
5). Balance being unpaid value of work done held in reserve		
6) Deduct cash of advance made on divisional/sub divisional cash book		
7) Net amount due to or from contractor.		
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed wihin)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Reciept Stamp

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Audited & Admitted For Rs. 49,41,871/-

By Ch Rs: 48,32,963/- (In Words).....

.....And by Adjustment

For Rs. 1,08,908/-

Executive Engineer

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Dated signature of contractor dated

Cash Rs

Date — Initials of officer making payment — Date

Account Superintendent

Exe Engineer
B.B.M.P. Bangalore

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	Removing B.S slab of drain and stacking	Sqm			1194.75	58.32	69678.00	1194.75	69678.00
2	Refixing stone slabs of drains and pointing in CM(1:3)	Sqm			1194.75	75.60	90323.00	1194.75	90323.00
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete do 7.5 cms thick	Sqm			398.25	639.36	254625.00	398.25	254625.00
4	KSRRB 300-1,Earth work excavation by manual means in ordinary soil invlving an average horizontal throw up to 2 meters and an average lift up to 1.5m,excavated surface levelled and sides neatly dresssed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications (Item	Cum			640.29 635.72	75.60	48406.00 48,060.00	640.29 635.72	48406.00 48,060.00
5	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification. specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2014-15	Cum			341.43	264.60	90342.00	341.43	90342.00

6	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs. with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed.machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1.4.2(Item no4.3,Page no12,PWD SR 2014-15)	Cum			8.56	4847.04	41491.00 41490.66	8.56	41491.00 41490.66
7	KSRRB 4.1:6Providing and laying in position plain cement concrete mix 1:2:4 with cement @240kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregates @0.459cum, machine mixed, concrete laid in layers not exceeding 15cms thick well compacted,in foundation,plinth and cills,including cost of all materials, labour, HOM of machineries, curing complete as per specifications. Specification no 4.1,4.2 (Page:12 & Item No. 4.6)	Cum			82.60	5327.64	440063.00	82.60	440063.00

8	KSRB 5-14: Providing and constructing precast concrete sand blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications.	Sqm			472.00	993.60	468979.00	472.00	468979.00
9	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with super plasterise @ 3lts conforming etc as per specification&direction of the engineer incharge of work(pwd sr2014-15,p.no13,sno4.11)	Cum			16.76 16.75	6065.28	101654.00 1,01,593.00	16.76 16.75	101654.00 1,01,593.00
10	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe550(pwd sr 2014-15,p.no17,s.no 4.46)	qtl			13.41	7905.60	106014.00	13.41	106014.00

11	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters,bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecification. Specification no.KBS 4.6.2 (pwd sr2014-15,p.no15/4.31)	Sqm			74.15	292.68	21702.00	74.15	21702.00
12	Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm			1159.65	1498.00	1737156.00 17,37,156.00	1159.65	1737156.00 17,37,156.00
13	KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification: 406 (PWD SR 2014-15 P.N.154 lt 20.18)	Cum			134.10	1438.56	192911.00 1,92,911.00	134.10	192911.00 1,92,911.00

14	KSRRB M500-6.Providing and applying primer coat with S.S.bitumen emulsion on prepared surface of granular base such as WBM,WMM including cleaning of road surfase and spraying primer at the rate of 0.6kg/Sqm using mechanical means complete as per specifications. MORTH SpecificationsNo502 (ITEMNO21.6,Page no157,PWD SR 2014-15)	Sqm				2240.50	35.21	78888.00	2240.50	78888.00
15	KSRRB M500-18.Providing and laying semi dense bituminous concrete using crushed aggregates of specified grading,premixed with bituminous binder and filler, transporting the hot mix to work site.laying with a paver finisher to the required grade,levell and alignment, rolling withs mooth wheeled,vibratoryandtandem rollers to achievethe desired compactiona sperMORTHSpecificationcla useno508completeinallrespec tscompleteasperspecification s.using40-60 TPH capacity HMP with mechanical pavour grading -II (25-30mm) with 5% CRMB 55 grade (Itemno 21.21.6 Pageno 160 2014-15)	Cum				59.72	10871.28	649233.00	59.72	649233.00

16	KSRRB M100-1 Loading and un loading of stone Boulder/Stone aggregates/ sand/kanker/ Moorum. KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1.Page no 130, PWD SR 2014-15)	Cum			981.72	68.04	66796.00	981.72	66796.00
				TOTAL			4458261.00		4458261.00
				KRIDL Charges 11%			490408.71		490408.71
				QC report			44582.61		44582.61
				G. TOTAL			4993252.32		4993252.32

AE
Ward no:03

Assistant Executive Engineer
Yelahanka Satellite Town Sub Division
BBMP, Bangalore